

OBSERVATION OPTICAL DEVICE

ABSTRACT OF THE DISCLOSURE

5 An observation optical device comprises first and
second focusing mechanisms, an association mechanism, and a
reticle. The first focusing mechanism focuses an
observation optical system. The second focusing mechanism
focuses a photographing optical system. The association
10 mechanism keeps the observation optical system and the
photographing optical system in a focused state. The reticle
is provided for focusing the observation optical system with
a predetermined dioptric power during an operation of the
association mechanism. The second focusing mechanism is
15 constructed in such a manner that a measured dioptric power
difference between a first dioptric power of an ocular lens
system of the observation optical system and a second dioptric
power of a combination of the observation optical system and
the photographing optical system is cancelled.